**Position Title:** Radiologist – MRI Physicist 101

**Category:** Faculty and Physicians, Full-time

**Department Name:** Radiology

**Job Reference Number:** 313983

**To apply:** Visit [https://jobs.utsouthwestern.edu/](https://jobs.utsouthwestern.edu/) and search using job reference number 313983.

*Please contact Bridgette Young at Bridgette.Young@utsouthwestern.edu or 214-645-2717 with any questions.*

The University of Texas Southwestern Medical Center, Department of Radiology, Division of Translational Research, is seeking a candidate at the rank of Assistant Professor/Associate Professor to join the translational research program to support the research efforts in Body MRI. Appointment rank will be commensurate with academic accomplishments and experience. The candidate will work closely with the Chief of MRI and other attending radiologists in the Body MRI division as well as the Director of Research MRI, other MRI physicists and researchers in the Department of Radiology and the rest of the medical center to support these efforts. The Translational Research efforts in Body MRI focus on optimization and implementation of new MRI techniques for evaluations of diseases in the abdomen and pelvis, with special emphasis in quantitative acquisitions and motion insensitive techniques. The successful candidate will join an active and growing multi-disciplinary imaging research program and will be expected to assist with: 1) implementation of translational research body MRI protocols, processing of data, and interpretation of results; 2) Implementation of novel applications and image-based analysis for improvement of clinical diagnoses; 3) technical support for phantom MRI scanning; and 4) technical expertise with competitive grant applications.

Potential areas of emphasis for independent research involve body applications of novel non-Cartesian acquisitions, quantitative techniques, and MRI fingerprinting. This position is also involved in the education of graduate students, post-doctoral trainees, and clinicians. The candidate is expected to prepare formal presentation of research activities both internally as well as at national and international conferences. This position will prepare and produce written documentation of research activities including manuscripts for publication in peer-reviewed journals. The candidate is also expected to seek independent funding for this research as well as participate in collaborative grant proposals. This position requires a Ph.D. with five years postdoctoral experience in the field of MRI Physics with a strong publication record on MRI techniques and applications.

UT Southwestern Medical Center is an Affirmative Action/Equal Opportunity Employer. Women, minorities, veterans and individuals with disabilities are encouraged to apply.